

| APPENDIX A – COMMONLY USED ABBREVIATIONS | Page 1 of 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|---------------|-------------|------|----------|-----|---------|-------|--------------|-----|-------------------------|-----|------------|--------|------------|-----|---------------|------|---------------|---------|---------------|-----|-------------|------|------------------------|------|----------|------|---------------|--------|---------------|-----|------------|-----|---------|-----|---------|-------|---------------------------------------|---|----|-------|--------------|-------|-------------|--------|-----------------|----|-----------------|-------------------|--------------------------------|-----|-------|-----|-----------------------|------|--------|-----|-------|-------|------------|------|----------|-----|------------|---------|--------------|--------|---------------|----|-----------------|-----|----------------|----|--------------|-----|---------|-----------|--------------------------------------|-----|---------|------|-----------|------|-----------|--------|-----------|------|-----------|
| Division of Forensic Science TOXICOLOGY TECHNICAL PROCEDURES MANUAL | Amendment Designator: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Effective Date: 31-March-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="text-align: center;">APPENDIX A COMMONLY USED ABBREVIATIONS</p> <p>The following is a list of abbreviations commonly used by examiners and toxicologists in the Section. This list has been generated to assist in the interpretation of case file notes and is not a standardized list of required abbreviations. While as comprehensive as possible, the list may not be complete. The abbreviations are appropriate written in either lower or upper case, with and without punctuation such as periods. Common chemical formulas, chemical, mathematical and shorthand abbreviations are equally acceptable and are not listed here. In all instances, abbreviations used in note taking should be readily interpretable in conjunction with the associated Certificate of Analysis.</p> <table> <tr> <th>Abbreviations</th><th>Definitions</th></tr> <tr><td>accd</td><td>accepted</td></tr> <tr><td>ace</td><td>acetone</td></tr> <tr><td>acids</td><td>acidic drugs</td></tr> <tr><td>alc</td><td>alcohols/alcohol screen</td></tr> <tr><td>alp</td><td>alprazolam</td></tr> <tr><td>alpraz</td><td>alprazolam</td></tr> <tr><td>ami</td><td>amitriptyline</td></tr> <tr><td>amit</td><td>amitriptyline</td></tr> <tr><td>amitrip</td><td>amitriptyline</td></tr> <tr><td>amp</td><td>amphetamine</td></tr> <tr><td>amps</td><td>amphetamine type drugs</td></tr> <tr><td>anal</td><td>analysis</td></tr> <tr><td>APAP</td><td>acetaminophen</td></tr> <tr><td>approx</td><td>approximately</td></tr> <tr><td>ASA</td><td>salicylate</td></tr> <tr><td>ass</td><td>assault</td></tr> <tr><td>ave</td><td>average</td></tr> <tr><td>Axsym</td><td>fluorescence polarization immunoassay</td></tr> <tr><td>@</td><td>at</td></tr> <tr><td>barbs</td><td>barbiturates</td></tr> <tr><td>bases</td><td>basic drugs</td></tr> <tr><td>benzos</td><td>benzodiazepines</td></tr> <tr><td>BE</td><td>benzoylecgonine</td></tr> <tr><td>BE-d₃</td><td>benzoylecgonine d₃</td></tr> <tr><td>bld</td><td>blood</td></tr> <tr><td>bac</td><td>blood alcohol content</td></tr> <tr><td>bldy</td><td>bloody</td></tr> <tr><td>brn</td><td>brain</td></tr> <tr><td>butal</td><td>butalbital</td></tr> <tr><td>caff</td><td>caffeine</td></tr> <tr><td>cal</td><td>calibrator</td></tr> <tr><td>cannabs</td><td>cannabinoids</td></tr> <tr><td>carbam</td><td>carbamazepine</td></tr> <tr><td>CO</td><td>carbon monoxide</td></tr> <tr><td>COD</td><td>cause of death</td></tr> <tr><td>CE</td><td>cocaethylene</td></tr> <tr><td>COC</td><td>cocaine</td></tr> <tr><td>coc metab</td><td>cocaine metabolite (benzoylecgonine)</td></tr> <tr><td>Cod</td><td>codeine</td></tr> <tr><td>cpds</td><td>compounds</td></tr> <tr><td>conf</td><td>confirmed</td></tr> <tr><td>conf'd</td><td>confirmed</td></tr> <tr><td>cont</td><td>container</td></tr> </table> | | Abbreviations | Definitions | accd | accepted | ace | acetone | acids | acidic drugs | alc | alcohols/alcohol screen | alp | alprazolam | alpraz | alprazolam | ami | amitriptyline | amit | amitriptyline | amitrip | amitriptyline | amp | amphetamine | amps | amphetamine type drugs | anal | analysis | APAP | acetaminophen | approx | approximately | ASA | salicylate | ass | assault | ave | average | Axsym | fluorescence polarization immunoassay | @ | at | barbs | barbiturates | bases | basic drugs | benzos | benzodiazepines | BE | benzoylecgonine | BE-d ₃ | benzoylecgonine d ₃ | bld | blood | bac | blood alcohol content | bldy | bloody | brn | brain | butal | butalbital | caff | caffeine | cal | calibrator | cannabs | cannabinoids | carbam | carbamazepine | CO | carbon monoxide | COD | cause of death | CE | cocaethylene | COC | cocaine | coc metab | cocaine metabolite (benzoylecgonine) | Cod | codeine | cpds | compounds | conf | confirmed | conf'd | confirmed | cont | container |
| Abbreviations | Definitions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| accd | accepted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ace | acetone | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| acids | acidic drugs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| alc | alcohols/alcohol screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| alp | alprazolam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| alpraz | alprazolam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ami | amitriptyline | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| amit | amitriptyline | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| amitrip | amitriptyline | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| amp | amphetamine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| amps | amphetamine type drugs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| anal | analysis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APAP | acetaminophen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| approx | approximately | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASA | salicylate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ass | assault | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ave | average | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axsym | fluorescence polarization immunoassay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| @ | at | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| barbs | barbiturates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bases | basic drugs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| benzos | benzodiazepines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BE | benzoylecgonine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BE-d ₃ | benzoylecgonine d ₃ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bld | blood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bac | blood alcohol content | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bldy | bloody | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| brn | brain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| butal | butalbital | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| caff | caffeine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| cal | calibrator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| cannabs | cannabinoids | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| carbam | carbamazepine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO | carbon monoxide | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COD | cause of death | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CE | cocaethylene | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COC | cocaine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| coc metab | cocaine metabolite (benzoylecgonine) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cod | codeine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| cpds | compounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| conf | confirmed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| conf'd | confirmed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| cont | container | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| con | control | |
| conc | concentrated | |
| cot | cotinine | |
| cntl | control | |
| ctl | control | |
| decomp | decomposed | |
| /nor | desmethyl metabolite | |
| Dx | diagnosis | |
| dia | diazepam | |
| diazepam | diazepam | |
| d | driver | |
| dH ₂ O | deionized water | |
| dil | dilution/diluted | |
| DFSA | drug-facilitated sexual assault | |
| ECD | electron capture detector | |
| ETOH | ethanol | |
| ext | extraction/extracted | |
| FID | flame ionization detector | |
| fent | fentanyl | |
| form | formaldehyde | |
| FPIA | fluorescence polarization immunoassay | |
| fs | full scan | |
| GHB | gamma hydroxybutyrate | |
| GC | gas chromatograph | |
| GCMS | gas chromatograph/mass spectrometer | |
| GSW | gunshot wound | |
| hdz | heart disease | |
| hrnd | heart related natural death | |
| Hx | history | |
| h/o | history of | |
| H | homicide | |
| HSPB | heat sealed plastic bag | |
| hyc | hydrocodone | |
| hydrocod | hydrocodone | |
| hydromorph | hydromorphone | |
| imp | impurities | |
| IS | internal standard | |
| Int Std | internal standard | |
| iso | isopropanol | |
| isoprop | isopropanol | |
| lid | lidocaine | |
| liq | liquid | |
| LOD | limit of detection | |
| LLOQ | lower limit of quantitation | |
| LOQ | limit of quantitation | |
| lvr | liver | |
| lor | lorazepam | |
| loraz | lorazepam | |
| min | minutes | |
| MOD | manner of death | |
| MS | mass spectrometer | |
| MSD | mass spectrometer detector | |
| metab | metabolite | |
| meth | methamphetamine | |
| MDA | 3,4 methylenedioxyamphetamine | |

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| MDMA | 3,4 methylenedioxymethamphetamine | |
| 6MAM | 6-monoacetylmorphine | |
| 6AM | 6-monoacetylmorphine | |
| MAM | 6-monoacetylmorphine | |
| MeOH | methanol | |
| methapyr | methapyrilene | |
| mp | methapyrilene | |
| MJ | marijuana | |
| mL | milliliter | |
| mor | morphine | |
| morph | morphine | |
| mva | motor vehicle accident | |
| NA | not analyzed | |
| nal | nalorphine | |
| nat | natural | |
| neg | negative | |
| N | negative | |
| ND | not detected or none detected | |
| NCI | negative chemical ionization | |
| neutrals | neutral drugs | |
| nic | nicotine | |
| NPD | nitrogen phosphorous detector | |
| nor | nordiazepam | |
| nordiaz | nordiazepam | |
| norprop | norpropoxyphene | |
| nortrip | nortriptyline | |
| n-prop | n-propanol | |
| OP | opiate | |
| opi | opiates | |
| orig | original | |
| OD | overdose | |
| oxy | oxycodone | |
| oxycod | oxycodone | |
| pass | passenger | |
| pk | peak | |
| perf | perforated | |
| PCP | phencyclidine | |
| phenol | phenobarbital | |
| PLB | plastic bag | |
| + | positive | |
| pos | positive | |
| pr | present | |
| PLT | present less than | |
| PGT | present greater than | |
| PRLT | present less than | |
| PRGT | present greater than | |
| prob | probably | |
| propox | propoxyphene | |
| PE | pulmonary embolism | |
| pur | purge | |
| pf | purge fluid | |
| QA | quality assurance | |
| QC | quality control | |
| quant | quantitation | |
| q | quantity | |

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| | | Effective Date: 31-March-2004 |
| QNS | quantity insufficient for further analysis | |
| QS | add quantity sufficient to bring up to volume | |
| rec'd | received | |
| rrt | relative retention time | |
| rt | retention time | |
| r/o | rule out | |
| Rx | prescription | |
| scr | screen | |
| scrn | screen | |
| SIM | selected ion monitoring | |
| SPB | sealed plastic bag | |
| syr | syringe | |
| sx | sexual | |
| sgsw | single gunshot wound | |
| sl | slightly | |
| SUD | sudden unexpected death | |
| S | suicide | |
| surg | surgery/surgical | |
| sys imp | systemic impurities | |
| sys | systemic/system | |
| TDx | fluorescence polarization immunassay | |
| THC | tetrahydrocannabinol | |
| THCA | THC carboxylic acid | |
| THA | THC carboxylic acid | |
| THIA | toluene/hexane/isoamyl alcohol | |
| tr | trace | |
| UV | ultraviolet spectrophotometer | |
| UV/VIS | ultraviolet/visible spectrophotometer | |
| UFA | unfit for analysis | |
| unsuit | unsuitable for analysis | |
| ? | unidentified/unknown | |
| unid | unidentified | |
| ULOL | upper limit of linearity | |
| ULOQ | upper limit of quantitation | |
| valp | valproic acid | |
| VA | valproic acid | |
| V | vehicle/vehicular | |
| vit | vitreous humor | |
| vol | volatile | |
| vols | volatiles | |
| w/in | within | |
| w/i | within | |
| ZPLB/T | Ziploc plastic bag sealed with tape | |